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FORM (REV.	PTO-13 (11-2000)	0 (Modified) U.S. DEPARTMENT OF CO	ATTORNEY'S DOCKET NUMBER									
	TI	RANSMITTAL LETTER	66307-313-7									
		DESIGNATED/ELECT	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR									
		CONCERNING A FILIN	10/502097									
INTE		IONAL APPLICATION NO. PCT/GB03/00218	INTERNATIONAL FILING DATE 22 JANUARY 2003	PRIORITY DATE CLAIMED 25 JANUARY 2002								
TITL	TITLE OF INVENTION											
IMPROVEMENTS IN METHODS OF MANUFACTURING SUBSTRATES												
APPLICANT(S) FOR DO/EO/US												
ISHERWOOD, Roland; COMMANDER, Lawrence George												
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Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
1.	\boxtimes	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.										
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.										
3.	\boxtimes	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.										
4.		The US has been elected by the expiration of 19 months from the priority date (Article 31).										
5.	⊠	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))										
		**	aired only if not communicated by the Interr	national Bureau).								
	b. \(\text{ has been communicated by the International Bureau.} \)											
			application was filed in the United States Rec	ceiving Office (RO/US).								
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).										
		a. is attached hereto.										
		b. has been previously su	bmitted under 35 U.S.C. 154(d)(4).									
7.	\boxtimes	Amendments to the claims of the	e International Application under PCT Article	le 19 (35 U.S.C. 371 (c)(3))								
		a. are attached hereto (rec	quired only if not communicated by the Inter	national Bureau).								
		b. 🖾 have been communicated by the International Bureau.										
ļ		c. \square have not been made; however, the time limit for making such amendments has NOT expired.										
			d. have not been made and will not be made.									
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).										
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).										
11.	\boxtimes	A copy of the International Preliminary Examination Report (PCT/IPEA/409).										
12.	\boxtimes	A copy of the International Search Report (PCT/ISA/210).										
It	tems 1	3 to 20 below concern documen	t(s) or information included:									
13.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.										
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
15.	\boxtimes	A FIRST preliminary amendment.										
16.		A SECOND or SUBSEQUENT preliminary amendment.										
17.		A substitute specification.										
18.		A change of power of attorney and/or address letter.										
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.										
20.		A second copy of the published international application under 35 U.S.C. 154(d)(4).										
21. 22.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										
23.		Express Mail Label No. Other items or information:										
J - 3 .		Copy of WO 03/061980 A1 dated 31 July 2003; and										
		Application Data Sheet										

Page 1 of 2

OT12 Rec'd PCT/PTO 2 2 JUL 2004

U.S. APPLICATION	S. APPLICATION NO. (IF KNOWN, SEE 37 CFR INTERNATIONAL APPLICATION NO. PCT/GB03/00218					NEY'S DOCKET NUMBER 66307-313-7			
		101/0305/002	10						
	llowing fees are submitted:. L FEE (37 CFR 1.492 (a) (1) - ((5)) •			CALCULATION	S PTO USE ONLY			
☐ Neither inter international	rnational preliminary examination l search fee (37 CFR 1.445(a)(2)) ional Search Report not prepared	1 fee (37 CFR 1.482) nor paid to USPTO		\$1080.00					
☑ Internationa USPTO but	l preliminary examination fee (37 International Search Report prepa	\$920.00							
☐ Internationa but internati	I preliminary examination fee (37 onal search fee (37 CFR 1.445(a)								
but all claim	I preliminary examination fee (37 as did not satisfy provisions of PC								
☐ Internationa and all clain	I preliminary examination fee (37 ns satisfied provisions of PCT Art		1						
	ENTER APPROPRI	ATE BASIC FEE AM	OUI	= T <i>V</i>	\$920.00				
months from the ear	00 for furnishing the oath or declarliest claimed priority date (37 Cl	\$0.00							
CLAIMS	NUMBER FILED	NUMBER EXTRA	<u> </u>	RATE					
Total claims	24 - 20 =	4	х	\$18.00	\$72.00				
Independent claims	1 - 3 =	0	х	\$86.00	\$0.00	•			
Multiple Dependent	t Claims (check if applicable).		<u> </u>		\$0.00				
		ABOVE CALCULAT		<u> </u>	\$992.00				
☐ Applicant clair reduced by 1/2	ms small entity status. See 37 CFI 2.	R 1.27. The fees indicated above	e are		\$0.00				
		SUB'	TOT	Γ A L =	\$992.00				
Processing fee of \$1 months from the ear	130.00 for furnishing the English rliest claimed priority date (37 Cl	translation later than \square 20 FR 1.492 (f)).	0	□ 30 +	\$0.00				
		TOTAL NATIONAL	L FE	CE =	\$992.00				
Fee for recording th accompanied by an	e enclosed assignment (37 CFR 1 appropriate cover sheet (37 CFR	.21(h)). The assignment must l 3.28, 3.31) (check if applicable	be le).		\$0.00				
		\$992.00							
		Amount to be: refunded	\$						
					charged	\$			
a. \square A ch	neck in the amount of	to cover the above fee	e ic er	nclosed					
(_)		 			2 00 to cover t	the above fees			
b. A Please charge my Deposit Account No. 04-2223 in the amount of \$992.00 to cover the above									
	c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.								
	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an	appropriate time limit under 37 st be filed and granted to restor	7 CFR 1.494 or 1.495 has not l	been i	met, a petiti	on to revive (37 CF	'R			
		a the approximate pending of		1/-/	1/11-47				
	ESPONDENCE TO:	199							
RICHARD H. TU DYKEMA GOSSI	ETT PLLC		SIGNATURE						
CUSTOMER NO.	. 25259		RI	CHARD H	TUSHIN				
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